

Product datasheet for **RN202389**

RGD1560146 (NM_001134625) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RGD1560146 (NM_001134625) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RGD1560146
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202389 representing NM_001134625
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCCTTCACCTTGAAGACCCACCTAGTTACGCGCCAAAGCCAGAGATGATAGTGAATAATATAGGAA
 GTAAACACTTTTCGCTACTTCGTAGAAAAGCCAATGATTAGGCAGAACGAGACATTGAAGACAGAACCTCA
 AACCCCACTCCCGGAACCCGGGACTGATTACTCAAGGCAGGTACGCAGAGACCTGCCAGGACCCACTGAC
 TCTTCCGAGCAACAAATAAGTGCTACCCAGCTGAGAAGGAAGAAAGCGGCCAGAAACCAGAGAGCAATC
 AGAAGTTCCTAACACAGTACTCGGTAACAGATTCTGGATGACATGATTTCCATGGGGCAATGTCCA
 CTGCAGCTCTGTACCAGCAGGAGACCAATCTCTATCTATATGCATAGTCTCCCAAGAAAGTCTATA
 GACTGGTGCTTGAAAAATACAAAGGACAACCTCTGGTCAAGCTGTGGAAGTTGTCCGAAGGCCAAGTGTA
 TGACAAGAGAAGATTCTTTCTAATTGCATTGGTCAGGAGAGAACTCAACTCATGCCATTGAGCTCCAA
 TTTGTTGGACAACTTCAGAAAGAGCTGAAGACTCTGGACCCCATCTCGTCAGGCTTTCTCCACCAGTCA
 CAGCTGAACCGCCTCTTCTAAGGCATAAAGTACCTCTGCCATTACCAACACTCAAGCTCCTCTGCCAAA
 GATTTTCTAGAAGGGATTCTCCAGAAGGGGTGAATTATGGAGAGCTACTTTGTTTTTTGAAAGAAGCAAC
 TAAAGATAATTTACAGCAAAATGGAACAGCTGTATATAGTAACCCAAGGAAAACCTCAAGTCTGAGCCAG
 GATAAACAAAGCACCCACCTCAAGACTCCAGCTTACTGTCTGACGTGAACAAGAGCCTGCTGCAGATTT
 TGAAGATGGCACTAAGAACATACCAAGGCAAGTTCAGTGTAGACTGCCTCAACCTGAACCTTTCAAAAAGA
 AGATCACTCATTCTCTGGCTGCCTGCCTCTGCCAAGATCATGTCTATATGTAGCAAGCATGGATTGCAT
 ATAACATGACCTGCTGGAACATTGCTCCATCACCAGATTGGGTTACCGAGGTGAAATAAAGTGGA
 AGAATTTTGTTAAGTGGCTGAACAGGGCTTCTTCTGATTGCAATATGATATGCCAGCAGAAAAGAATCT
 GCAGCCAAAAACCTCTACCACTTCAGCCCCAGAAAGGCCCTGTGACTGCCTTTAAGTACAGGCCTGCCTCC
 GAGCCTGGTGAGCATCGGCCATGATGAAGGATGAACAACCTGAGTTATGGATAGACAGGTTGAGAAAGC
 TGGAAAATGCCCTTTATCTGTGTGACCTGAGCAACACAGGAGTGTGGAGTGGGAGCGAGCCAAGCGCCT
 CATTCAACACTACAACCTCATTTACAAATTGTCCCTGAGTCCCCGGAGAATCGACCAGGCCCTTCGAAGA
 TTCCGTTCTGGAGAAAACATAATCTTGGAGCCAGCACTTCAGTACTTAAGGAGCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134625

Insert Size: 1530 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NM_001134625.1, NP_001128097.1

RefSeq Size: 1530 bp

RefSeq ORF: 1530 bp

Locus ID: 500505

Cytogenetics: 5q33